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| 10/723,026   | 11/25/2003  | Hyun Woo Oh          | 5895P049            | 8846             |
| 8791 7590 05/26/2010<br>BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP<br>1279 OAKMEAD PARKWAY<br>SUNNYVALE, CA 94085-4040 |             |                      |                     |                  |
| EXAMINER   |             |                      |                     |                  |
| HADZONOOZ, BANAFSHEH   |             |                      |                     |                  |
| ART UNIT   |             | PAPER NUMBER         |                     |                  |
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### Office Action Summary

**Application No.**

10/723,026

**Applicant(s)**

OH ET AL.

**Examiner**

Banafsheh Hadizonooz

**Art Unit**

3715

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 05 January 2010.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☐ Claim(s) \_\_\_\_\_ is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/CD)  
Paper No(s)/Mail Date 11/25/2003
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

***Detailed Action***

In response to the amendment filed on 01/05/2010, claims 1-11 are pending. Claim 1 has been amended. This action is made Final.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 1-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gomas et al (US 2004/0186713) in View of Wenocur et al. (US 2003/0041110).**

**[Claims 1, 8, 11]:** Regarding claim 1, Gomas discloses a communication service system for disabled persons, comprising:

a terminal unit (e.g. client computer) implemented for a disabled person and a non-disabled person that access a wired/wireless integrated network and desire to be provided with communication services (See P.1, [0011]), a communication interface for the wired/wireless (e.g. portable electronics) integrated network (See P.2, [0023]), and providing voice and/or text communication services for the disabled person (See Fig.4, element 127). Gomas does not specifically disclose a communication characteristics registered with respect to the disabled person and the non-disabled person. However Wenocur discloses a system and method for electronic messaging system and adapting content for sensory and physically challenged persons , wherein the user may register

with the system and wherein the communication characteristics are determined based on the registered user preferences (See Abstract, [0147]-[0149] and [0170]). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Gomas' invention to include the features of Wenocur's invention to provide an efficient way to recognize the best mode of communication between the disabled person and the server computer or the users without disabilities.

**[Claim 2]:** Regarding claim 2, Gomas further discloses a communication service system, wherein the terminal unit has user interfaces with communication characteristics for the communication services which can be used by a non-disabled person, an auditory disabled person, a visually disabled person, and a speed disabled person, respectively (See P.2, [0022]—[0024]).

**[Claim 3]:** Regarding claim 3, Gomas discloses a system, wherein the non-disabled person has communication characteristics of hearing, speaking, reading and writing that are used as an interface, the visually disabled person has communication characteristics of hearing, speaking and writing that are used as an interface(See P.2, [0024]-[0025]).

**[Claim 9]:** Regarding claim 9, Gomas discloses a system wherein the communication characteristics of the terminals include hearing, speaking, reading and writing communication characteristics (See Abstract).

**Claims 4-7, 10 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gomas et al (US 2004/0186713) in View of Wenocur et al. (US 2003/0041110) as applied to claim 1 above and further in view of Putman (US 2008/0086564)**

**[Claim 4]:** As per claim 4, Gomas/Wenocur do not specifically disclose that open API gateway supports protocols such as Session Initiation Protocol, etc. However, Putnam disclose an open API gateway unit which supports well known protocols including Session Initiation Protocol (SIP) and exploits middleware, such as Extensible Markup Language (XML) so as to communicate with the open API communication server. Gomas/Putnam do not specifically disclose Media Gateway Control (MAGACO) protocol, H. 323 protocol, Integrated Services Digital Network (ISDN) User Part (ISUP), Mobile Application Protocol (MAP), Intelligent Network Application Protocol (INAP), and Capabilities Application Protocol (CAP). Therefore, it would have been obvious to use one of the well known supporting protocols as disclosed by Putman in order to communicate with the API communication server in Gomas/Wenocur's system.

**[Claim 5]:** Regarding claim 5, Gomas discloses a system comprising a framework unit (e.g. interface) for performing a plurality of functions including access to the communication services, authentication and discovery of the communication services (See P.4, [0065]), integrity management, load management, and fault management; and a service capability feature unit for providing a plurality of functions, including call control, messaging, user interaction, terminal capabilities, mobility, connectivity,

presence and availability, and service routing, so as to allow application services to use resources and functions of the network (See P.4, [0064]-[0067]).

**[Claim 6]:** With respect to claim 6, Gomas discloses wherein the communication server unit is operated so that, if a connection request is received from a specific user terminal to use a corresponding communication service, the server unit routes the communication service to the voice and text conversion unit when voice and/or text conversion is required in consideration of communication characteristics of transmitting and receiving user terminals, and provides a communication service corresponding to voice and/or text returned from the voice and text conversion unit (See P.2, [0030]-[0031], and Fig.4).

**[Claim 7]:** Regarding claim 7, Gomas further discloses a communication service unit for providing the communication service in consideration of communication characteristics between terminals of disabled persons and between terminals of a non-disabled person and a disabled person (See P.1, [0011]);  
a connection unit for supporting an interface with the wired/wireless integrated network and setting up a call in response to a communication service request received from the user (See P.4, [0062]);  
a service routing unit for routing a corresponding communication service to support conversion into voice and/or text data in consideration of the characteristics of the respective terminals at the time of providing the communication service (See P.7, [0095]). Gomas does not specifically disclose a registration unit for registering characteristics of the respective terminals when the terminals use the communication

service first time. However, Putman discloses a communication application server wherein the communication characteristics are registered and wherein the API communication interface operates to allow existing third party application service to access the wired/wireless network (See [0110] and [0210]). Putnam further discloses voice/text communication between the users (See [0035]). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Gomas' invention to provide an efficient way to recognize the best mode of communication between the disabled person and the server computer or the users without disabilities.

**[Claim 10]:** Putman discloses a system further comprising the step of setting up a call from the transmitting user terminal to the opposite user terminal in response to the communication establishment request at step b) (See [0209]).

### ***Response to Arguments***

Applicant's arguments filed on 01/05/2010 have been fully considered but they are not persuasive.

Applicant argues that the Wenocur does not disclose whether or not the individual is registered as disabled and the kind of disability he/she has. Examiner respectfully disagrees. Wenocur discloses a system to facilitate secure interaction sessions over a computer network that cures the deficiencies of the current system including taking into consideration the physical disability requirements of the recipient of such communications (See [0015]). Wenocur further discloses that such disabilities can

be determined by registering user preferences over a server (See [0806]). Wenocur further discloses that communications between disabled and non-disabled persons take place in real-time as well as non-real time.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Banafsheh Hadizonooz whose telephone number is 571-272-1242. The examiner can normally be reached on 8:00-5:00.



If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Xuan Thai can be reached on (571) 272- 7147. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

BH

/Cameron Saadat/

Primary Examiner, Art Unit 3715